

# KPDES FORM F

AI # 104392



## KENTUCKY POLLUTANT DISCHARGE ELIMINATION SYSTEM

### PERMIT APPLICATION

A complete application consists of this form and Form 1.  
For additional information, Contact KPDES Branch, (502) 564-3410.

#### I. OUTFALL LOCATION

AGENCY USE

0107999

For each outfall list the latitude and longitude of its location to the nearest 15 seconds and name the receiving water.

A. Outfall Number	B. Latitude	C. Longitude	D. Receiving Water (name)
1 - Drain PAD	39.0074 39 deg 0.4 min North	84.437 84 deg 28.4 min North	Licking River
2 - Dismantle PAD	SAME	SAME	SAME

#### II. IMPROVEMENTS

A. Are you now required by any federal, state, or local authority to meet any implementation schedule for the construction, upgrading or operation of wastewater treatment equipment or practices or any other environmental programs which may affect the discharges described in this application? This includes, but is not limited to, permit conditions, administrative or enforcement orders, enforcement compliance schedule letters, stipulations, court orders, and grant or loan conditions.

1. Identification of Conditions, Agreements, Etc.	2. Affected Outfalls No. Source of Discharge	3. Brief Description of Project	4. Final Compliance Date a. req. b. proj.
NO			
NOT TO MY KNOWLEDGE AT THIS TIME			

B. You may attach additional sheets describing any additional water pollution (or other environmental projects which may affect your discharges) you now have under way or which you plan. Indicate whether each program is now under way or planned, and indicate your actual or planned schedules for construction.

#### III. SITE DRAINAGE MAP

Attach a site map showing topography (or indicating the outline of drainage areas served by the outfall(s) covered in the application if a topographic map is unavailable) depicting the facility including: each of its intake and discharge structures; the drainage area of each storm water outfall; paved areas and buildings within the drainage area of each storm water outfall, each known past or present areas used for outdoor storage or disposal of significant materials, each existing structural control measure to reduce pollutants in storm water runoff, materials loading and access areas, areas where pesticides, herbicides, soil conditioners and fertilizers are applied; each of its hazardous waste treatment, storage or disposal units (including each area not required to have a RCRA permit which is used for accumulating hazardous waste under 40 CFR 262.34); each well where fluids from the facility are injected underground; springs, and other surface water bodies which receive storm water discharges from the facility.

#### IV. NARRATIVE DESCRIPTION OF POLLUTANT SOURCES

A. For each outfall, provide an estimate of the area (include units) of impervious surfaces (including paved areas and building roofs) drained to the outfall, and an estimate of the total surface area drained by the outfall.

Outfall Number	Area of Impervious Surface (provide units)	Total Area Drained (provide units)	Outfall Number	Area of Impervious Surface (provide units)	Total Area Drained (provide units)
1	45 FT x 25 FT. DRAINING CONCRETE AREA W/ PIT TO CATCH DRAINED FLUIDS PIT IS CLEANED OUT	1125 SQUARE FEET	2	88 FT. x 25 FT. CONCRETE PAD BEHIND Bldg USED TO DISMANTLE TRUCKS AFTER DRAINING IN PIT AREA.	2200 SQUARE FEET

B. Provide a narrative description of significant materials that are currently or in the past three years have been treated, stored or disposed in a manner to allow exposure to storm water; method of treatment, storage, or disposal; past and present materials management practices employed to minimize contact by these materials with storm water runoff; materials loading and access areas; and the location, manner, and frequency in which pesticides, herbicides, soil conditioners, and fertilizers are applied.


Diesel fuel is pumped out of truck using a fuel pump machine and stored in a 1200 gal. concrete storage tank. Grease and oil is drained out of the truck into a metal drain pan then dumped into a 1200 gal. concrete storage tank. Anti-freeze is drained the same as grease and oil and stored in a concrete storage tank. All tanks are drained by R & S Services - monthly. Any Spillage on concrete pad drains into storage pit which is emptied weekly.

C. For each outfall, provide the location and a description of existing structural and nonstructural control measures to reduce pollutants in storm water runoff; and a description of the treatment the storm water receives, including the schedule and type of maintenance for control and treatment measures and the ultimate disposal of any solid or fluid wastes other than by discharge.

Outfall Number	Treatment	List Codes from Table F-1
1	We drain fuel, oil, grease, anti-freeze and store in concrete 1200 gal. containers.	
2	We use absorbant towel material and floor dry to collect any spillage and store in sludge pit for disposal.	

#### V. NON-STORM WATER DISCHARGES

A. I certify under penalty of law that the outfall(s) covered by this application have been tested or evaluated for the presence of non-storm water discharges, and that all non-storm water discharges from these outfall(s) are identified in either an accompanying Form C or Form SC application for the outfall.

Name and Official Title (type or print)	Signature	Date Signed
Deborah Donaldson - Manager		8-3-09

B. Provide a description of the method used, the date of any testing, and the onsite drainage points that were directly observed during a test.

We had testing done by Cardinal Laboratories and I have attached copies of the results.

#### VI. SIGNIFICANT LEAKS OR SPILLS

Provide existing information regarding the history of significant leaks or spills of toxic or hazardous pollutants at the facility in the last three years, including the approximate date and location of the spill or leak, and the type and amount of material released.

To my knowledge there have been no significant leaks or spills at this facility. We take care to protect our environment.

**VII. DISCHARGE INFORMATION**

A,B,C, & D: See instructions before proceeding. Complete one set of tables for each outfall. Annotate the outfall number in the space provided. Tables F-1, F-2, and F-3 are included on separate pages.

E: Potential discharges not covered by analysis - is any toxic pollutant listed in Table F-2, F-3, or F-4, a substance which you currently use or manufacture as an intermediate or final product or by product.

☐ Yes (list all such pollutants below) ☒ No (go to Section IX)

NONE THAT ARE NOT INCLUDED IN ANALYSIS BY  
CARDINAL LABORATORIES - SEE ATTACHED ANALYSIS

**VIII. BIOLOGICAL TOXICITY TESTING DATA**

Do you have any knowledge or reason to believe that any biological test for acute or chronic toxicity has been made on any of your discharges or on a receiving water in relation to your discharge within the last 3 years?

☐ Yes (list all such results below) ☒ No (go to Section IX)

I DON'T KNOW IF THE ANALYSIS TESTING BY CARDINAL  
LABORATORIES WAS FOR ACUTE OR CHRONIC TOXICITY OR NOT.  
I HAVE ATTACHED COPIES OF THEIR TEST.

**IX. CONTRACT ANALYSIS INFORMATION**


Were any of the analyses reported in item VII performed by a contract laboratory or consulting firm?

☒ Yes (list the name, address and telephone number of, and pollutants analyzed by each such laboratory or firm below; use additional sheets if necessary).  
☐ No (go to Section IX)

A. Name	B. Address	C. Area Code & Phone No.	D. Pollutants Analyzed
CARDINAL LABORATORIES INC.	104 NORTH ST. WILDER, KY 41071	(859) 341-9989	SEE ATTACHED REPORTS

**X. CERTIFICATION**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment for knowing violations.

NAME & OFFICIAL TITLE (type or print)	AREA CODE AND PHONE NO.
Mr. <input type="checkbox"/> Ms. <input checked="" type="checkbox"/> Deborah Donaldson - Manager	(859) 781-5566
SIGNATURE 	DATE SIGNED 7/17/09

## OUTFALL NO:

Pollutant and CAS Number (if available)	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During 1 <sup>st</sup> 20 Minutes	Flow-weighted Composite	Grab Sample Taken During 1 <sup>st</sup> 20 Minutes	Flow-weighted Composite		
Oil and Grease		N/A	- See ATTACHED REPORT			
Biological Oxygen Demand BOD <sub>5</sub>						
Chemical Oxygen Demand (COD)						
Total Suspended Solids (TSS)						
Total Kjeldahl Nitrogen						
Nitrate plus Nitrite Nitrogen						
Total Phosphorus						
pH	Minimum	Maximum	Minimum	Maximum		

pH	Minimum	Maximum	Minimum	Maximum
<p>Part B - List each pollutant that is limited in an effluent guideline which the facility is subject to or any pollutant listed in the facility's KPDES permit for its process wastewater (if the facility is operating under an existing KPDES permit). Complete one table for each outfall. See the instructions for additional details and requirements.</p>				

- See ATTACHED Report.			
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# CARDINAL LABORATORIES, INC.

104 NORTH STREET • WILDER, KENTUCKY 41071 • TELEPHONE: 859-341-9989 • FAX: 859-341-5081  
e-mail: Info@CardinalLabs.com • web: www.CardinalLabs.com

## Analytical Report

DEBBIE DONALDSON

BRAY TRUCKING--WILDER

102 WILLIAMS WAY

WILDER, KY 41071

*TRUCK AND PARTS*

Cardinal Project ID 09080041

Report Date: 8/28/2009

Customer Code:

BRAYTRU2

Cardinal ID	CM17328	Program/Project:	PERMIT APPLICATION	Sample Date	8/6/2009
Submit Date	8/6/2009	Sample ID/Outfall:	CATCH BASIN	Collection Time	10:37:00 AM
Project #/Permit #:	NOT PROVIDED	Description:	GRAB	Cooler Temp C	5.3

Analyte Name	Analysis Method Reference	Result	MDL	Units	Analyst	Analyzed Date	Time Started
Total Kjeldahl Nitrogen	EPA 351.2	49.5	5.00	mg/L	CDG	8/26/2009	2:15:00 PM
Nitrate-Nitrite as N, by FIA	EPA 353.2	0.559	0.013	mg/L	CDG	8/14/2009	1:21:00 PM
Total Phosphorus	EPA 365.1	8.95	0.030	mg/L	CDG	8/21/2009	12:01:00 PM
Chemical Oxygen Demand	HACH 8000	4820	6.2	mg/L	DER	8/6/2009	2:30:00 PM
Biochemical Oxygen Demand, 5 Da	HACH 8043	50.4	2.0	mg/L	EAS	8/7/2009	10:50:00 AM
Total Suspended Solids	SM 2540 D	2310	0.31	mg/L	DER	8/6/2009	1:59:00 PM

\*BOD L, meets mfg. limits

\*TKN F

Results reported on wet weight basis

MDL = Method Detection Limit

End of Report

*Antoinette C. Ruschman*

Antoinette C. Ruschman, President  
Technical Director

BRAY TRUCKING--WILDER

Cardinal Sample ID CM17328

Page 1 of 1 ~~This report cannot be reproduced, except in full, without the written approval of Cardinal Laboratories, Inc.~~

**ANALYTICAL AND ENVIRONMENTAL SERVICES**

Results are certified to meet NELAP standards



# CHAIN OF CUSTODY RECORD

Client <b>Bray Trucking</b> <b>Catch Basin</b>		Cardinal Labs Log In Test Results	
Project Location or Number <b>Catch Basin</b>		Residual Chlorine Check + / - (N/A) pH check >10 / <2 / N (Neutral) Purchase Order #	
Results to <b>Debbie Donaldson</b> <b>102 Williams Way</b> <b>Wilden, KY 41071</b>		Phone # <b>859-781-5566</b> Fax # <b>859-781-4333</b>	
Address <b>102 Williams Way</b> <b>Wilden, KY 41071</b>		Preservative codes 1. HNO <sub>3</sub> 2. NaOH 3. HCl 4. H <sub>2</sub> SO <sub>4</sub> 5. Na <sub>2</sub> S <sub>2</sub> O <sub>7</sub> 6. None Enter #	
Sampler (print) <b>Joe Foreman</b>		Grab/Comp # Bottles <b>6 4</b>	
Sample Location or ID <b>Catch Basin</b>		Matrix <b>6 4</b>	
Date <b>8-6-09</b>		Time <b>1037</b>	
Cardinal Project # <b>09080041</b>		Cardinal Sample ID # <b>CM17328</b>	
Field Comments/Cardinal Field Test Results: (Include Date / Time / Initials) <b>* please Fax results! * per Debbie D. * please deliver results as quickly as possible, but please use rush fee!</b>		Turn-Around-Time (TAT) 24 Hr 48 Hr <b>Normal</b>	
Relinquished by: <b>Joe Foreman</b>		Shipment Method: Cooling/Packing Material: <b>PU cooler-ice</b>	
Date <b>8-6-09</b>		Time <b>1055</b>	
Relinquished by: <b>Joe Foreman</b>		Tracking Number:	
Date <b>8-6-09</b>		Time <b>1055</b>	
Relinquished by: <b>Joe Foreman</b>		Received by: <b>Joe Foreman</b>	
Date <b>8-6-09</b>		Time <b>1055</b>	
Chain Complete? <b>Yes</b>		Sample Amount Correct? <b>Yes</b>	
Headspace? <b>Yes</b>		Correct Bottles? <b>Yes</b>	
Additional Comments: <b>see</b>		Condition of Samples? <b>see</b>	
Problems and/or Corrective Action? <b>Yes</b> (record on back of form) <b>Do</b>		Hazards:	

VALIDATED

Information checked by: **AST**

Field data entry by: **AST**



**Cardinal Laboratories**  
104 North Street  
Wilden, KY 41071  
859-341-9989  
859-341-5081 fax  
cardinalab@aol.com  
info@cardinallabs.com

Cardinal Project #  
**09080041**

Cardinal Sample ID #  
**CM17328**

**Environmental and Public Protection Cabinet  
Kentucky Department for Environmental Protection  
Division of Waste Management**

**Activity:** CIN20090003 Inspection Followup

**Lead Investigator:** Prater, Ray

**Agency Interest/Permit ID:** 104392

**Agency Interest Name:** Bray Truck And Parts Inc

**Agency Interest Address:** 102 Williams Way  
Wilder, KY 41076

**Program:** Hazardous Waste

**County:** Campbell

**Type of Agency Interest:** RETAIL-Other Retail Trade (44-45)

**Agency Interest Contact:**

**Title:**

**Phone:**

**Purpose:** Inspection Followup

**Inspection Type:** HW CSE Conditionally Exempt SQG

**Inspection Date:** 07/14/2009

**Start Time:** 02:40 PM

**End Time:** 03:15 PM

**Latitude:** 39.00652000

**Longitude:** -87.47400000

**Coordinate Collection Method:** Decimal Degrees

**Incident ID(s):** 2295132

**General Comments:**

The purpose of this site visit was to conduct a follow-up inspection regarding the Notice of Violation previously issued for failure to conduct a waste determination. Dave Bray, President was present during inspection. Mr. Bray stated that they have suspended using Zepteen and Zep-A-Lume as part of their cleaning process. Mr. Bray stated that they are doing much less steam cleaning and only using about 1/4th of the water that they used to use. Most of the water used is cold water under high pressure. As a result of this change, customers have been notified that they will be getting parts that are not completely cleaned. Mr. Bray provided sample results of the pit water and pit sludge that show they have tested non-hazardous. Pending approval of the test results from our office, the pit sludge has not been removed or disposed since the last inspection in May. In inspecting their Bavarian dumpster, there was no evidence of pit sludge in it. Visible material included only trash and absorbent pads. I asked Mr. Bray about his concrete tanks that contain diesel, used antifreeze and used oil. He stated that these were installed over 14 years ago when the business first opened. They have steel tanks inside the concrete and he stated there has been no problem with leakage. In the waste tire storage area, most of the tires seen on the previous inspection have been shipped offsite to Porter Tire in Olive Hill, Kentucky and a receipt provided as proof of proper disposal. During this follow-up inspection, tires were observed to be covered with plastic. Bray plans to create a structure in the future to store the tires under to prevent water entrapment. Based on my observations, discussions with Mr. Bray and sampling documentation provided, the violation cited in the Notice of Violation previously issued by the Division of Waste Management is now considered corrected. However, there are still outstanding issues that are being addressed separately by the Division of Water.

**Person(s) Interviewed:**

Name	Organization
Dave Bray, President	Bray Truck And Parts, Inc.

Status/Comments:

AIOO104392

Requirement	Status	Results or Comments
Has the generator made adequate hazardous waste determinations for wastes generated?. [401 KAR 31:010 Section 5(7)(a)]	C	Waste determination has been performed on pit sludge and pit water showing them to be non-hazardous.

Investigator:

Title:

Date:

- ☐ N - N-Not Applicable  
☐ E - E-Not Evaluated  
☐ V - V-Out of Compliance-NOV  
☒ C - C-No Violations observed  
☐ I - I-No Violations obs-but impending viol trends obs  
☐ D - D-Out of Compliance-Violations Documented  
☐ O - O-Out of Comp-LOW non-recurrent Adm. or O&M

Received By:

Title:

Date:

Delivery Method:



STEVEN L. BESHEAR  
GOVERNOR



LEONARD K. PETERS  
SECRETARY

ENERGY AND ENVIRONMENT CABINET  
DEPARTMENT FOR ENVIRONMENTAL PROTECTION  
DIVISION OF WASTE MANAGEMENT  
8020 VETERANS MEMORIAL DRIVE SUITE 110  
FLORENCE KY 41042  
www.kentuckv.gov

July 23, 2009

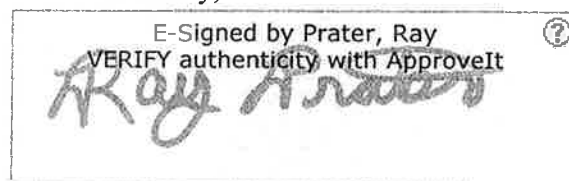
Bray Truck and Parts Inc  
102 Williams Way  
Wilder, KY 41076  
Attn.: Dave Bray

Re: Notice of Violation  
AI ID: 104392  
AI Name: Bray Truck and Parts Inc  
Activity ID: ENV20090001  
Incident#: 2295132  
Campbell County, KY

Dear Mr. Bray:

On May 29, 2009, the Division of Waste Management issued Bray Truck and Parts Inc a Notice of Violation (NOV). The Florence Regional Office appreciates Bray Truck and Parts Inc's efforts to address the compliance issues raised by the NOV. The actions taken by Bray Truck and Parts Inc in response to the NOV are considered sufficient at this time with regard to the violations listed in the NOV. The Cabinet reserves its rights under KRS Chapter 224 and its administrative regulations to undertake such enforcement action hereafter as it deems appropriate, which may include consideration of the compliance issues addressed by the NOV. If you have any questions, please feel free to contact me at 859-525-4923.

Sincerely,

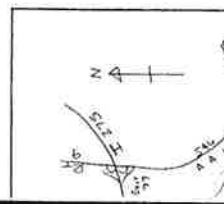


Mr. Ray Prater,  
**ENVIRONMENTAL INSPECTOR III**  
Division of Waste Management

Enclosure



EXISTING WORK	EXPOSED WORK
400	400





2°03'18"E - 514.60

WASTER  
METAL  
TER

VEHICLE STORAGE AREA  
& FRAMES & BODY PARTS

SECURITY SCREENING

Covered  
AREA  
3 SIDE  
WALLS  
& ROOF

STORAGE  
TANKS  
GREASE  
PIT + DRAIN  
+ STORAGE

CONCRETE  
PAD  
OIL STORAGE  
TANK

AREA  
WHERE TRUCKS  
DISMANTLED  
& PARTS  
CLEANED

80 X 150  
PRE ENGINEERED METAL BLDG  
FIN FL. ELEV 506.0

INSIDE-RACKS  
PARTS STORAGE  
GREASE  
PITS  
FOR  
SERVICE  
SHOP

GRAVEL  
20'  
GATE

ASPHALT

CUSTOM  
PARKING

CONCRETE  
PAD  
25 FT  
20'  
CONC

494

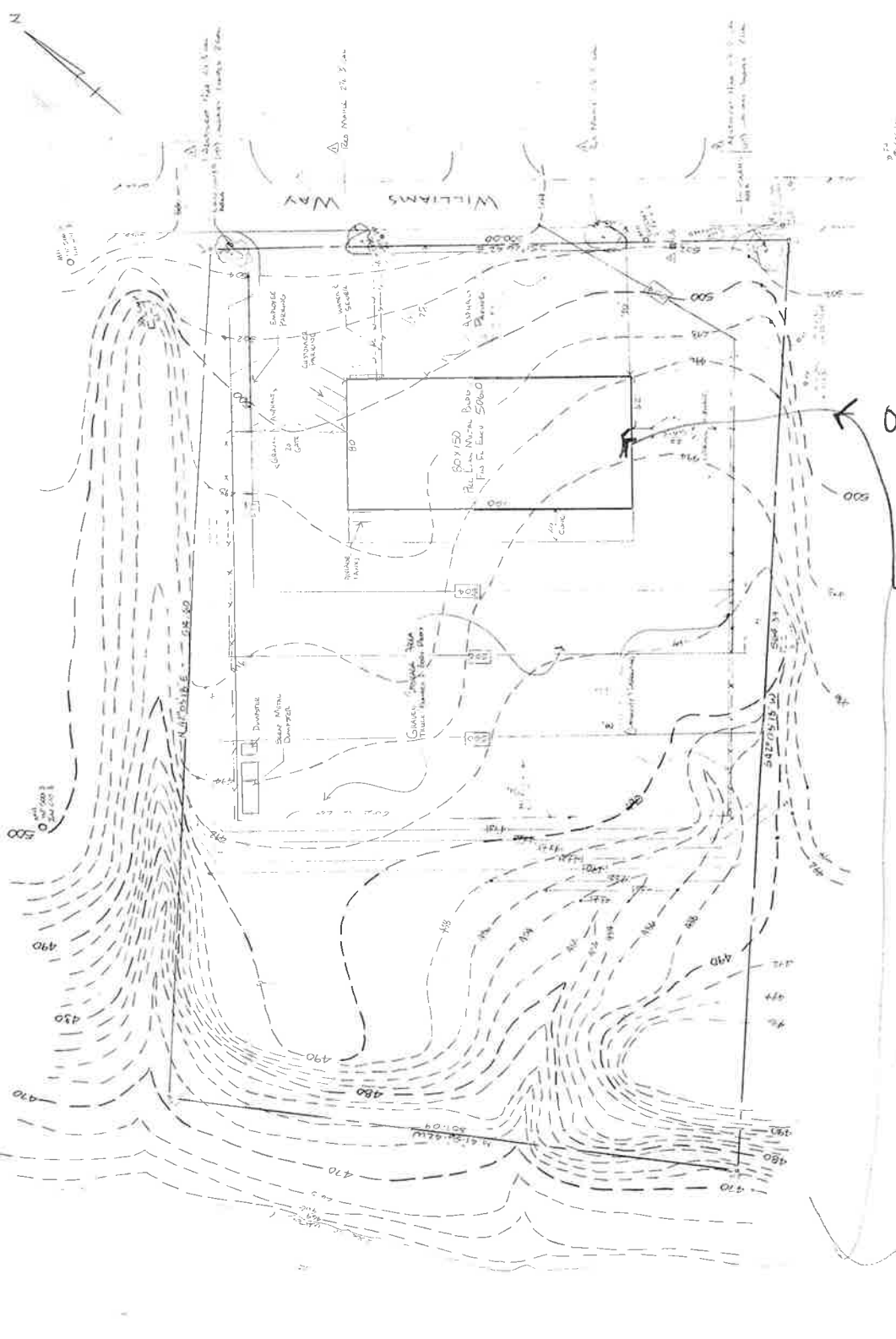
20'  
GATE

GRAVEL ASPHALT

496



Licking River



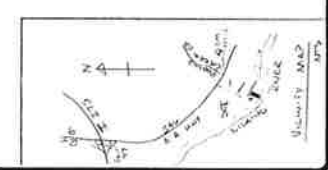
OUR Bldg

SITE PLAN

Flow would be this way.

Notes:  
100% Flood Elev 505.0  
Plan Elevation Based on MDDOT  
Bm 12 Elev 514.4  
Wm 12 Elev 514.4  
347 Wm 12 Elev 514.4  
See Utility Map

--- 490 --- Existing contour  
--- 500 --- Proposed contour



DESIGN BUILD SERVICES

BRAY USED PARTS, INC.  
102 WILLIAMS WAY  
WILDER, KY

DATE	5-27-93
BY	1-50
APP NO	
SHEET	SP.1